



Swimming Pool / Spa Application

Submittal & Plan Review Requirements

City of Carmel / Clay Township

PLAN INFORMATION: All plans shall be on paper no larger than 11 inches by 17 inches. Additionally, an electronic PDF copy shall be submitted to nmishler@carmel.in.gov in addition to paper copies.

1. **Physical Description of the Pool:** Includes, Pool perimeter area, depths, waterline, stairs, ladders, ledges and underwater seat benches, diving equipment, and materials of construction.
2. **Dimensional Design:** At least one overview and one side view showing depths and wall and floor slopes.
3. **Designation of Pool Type:** As specified in IAC 20-4-9, and if diving equipment is planned.
4. **Pool Egress:** All plans should show the proper means of egress that conform to 675 IAC 20-4-14.
5. **Electrical Requirements:** Shall conform to the Indiana Electrical Code 675 IAC 17. Plans should indicate all electrical outlets within twenty (20) feet of the inside walls of the pool.
6. **Waste Water Disposal:** Show that backwash water will be discharged into a sanitary sewer through an approved air gap, or into an approved subsurface disposal system, or by other means in accordance with 675 IAC 16, the Indiana Plumbing Code, and 327 IAC the rules of the Water Pollution Control Board.
7. **Safety Features:** State on plans the means by which access will be restricted: Walls or fencing not less than five (5) feet in height and completely surrounding the pool and deck area, with self-closing and self-latching gates and doors, both capable of being locked, OR, an APPROVED pool cover. (Safety features must also include requirements found in 675 IAC 20-2-26 and IAC 20-4-27.) ABOVE GROUND POOLS MUST SHOW IN DETAIL THE STAIR / GATE MEANS OF ACCESS.

FURTHER DETAILS REQUIRED:

1. If an **underwater light** fixture is provided, the pool diagram must indicate if the system is low voltage or a 120-volt system.
 - a. A 120-volt light must have an insulated #8 copper bond wire from light shell to an approved light junction box.
 - b. The bond wire must be installed in the conduit from the light to an approved light fixture junction box.
 2. Show the location of **ANY 120-volt electrical receptacles** within 20 feet of the pool. All receptacles within 20 feet of the pool edge must be GFCI protected. No receptacle can be within 10 feet of the pool edge.
 3. Show location of the pool cover key switch.
 4. Show location of any electrical switches. No switch can be located within 5 feet of the pool edge.
 5. Provide **side view drawing** of pool, showing all depths, changes in depth, and length.
 6. Show diving board and/or slide on site/plot plan. If none, state none.
 7. Show figure 4 type **handrail** at all exits, at all ends of pool, with auto cover.
 8. **For ABOVE GROUND POOLS ONLY:** State that a single twist lock receptacle will be used to connect the pool pump motor to the electrical supply. Single receptacle must be GFCI protected or pump must be double insulated with an internal ground.
8. **SITE/PLOT PLAN:** SITE/PLOT PLAN MUST ALSO DETAIL:
- a. Location of pool, including setback of pool from side and rear yard and any easements from the edge of deck – NOT EDGE OF POOL.
 - b. Principal residence.
 - c. Detached garage and driveway, and ALL accessory buildings.
 - d. All easements: Drainage, Utility, Etc...
 - e. Septic tank and leach field, in addition to well location, if present.
 - f. Show ANY existing utilities within fifty (50) feet of the proposed pool location.

- g. Show how area will drain after pool is constructed. Show drainage flow arrows, or submit two (2) copies of cross sections through pool and adjacent ground area, OR existing and proposed contours with elevations for pool and deck and disturbed area around the pool.
 - h. Show all pool accessory structures: Heater, filter, automatic pool cover, and any other equipment. Indicate any automatic fill device or backflow preventer.
 - i. Show ENTIRE deck area and all dimensions on all sides.
 - j. Show any retaining walls, and detail their construction.
9. **RIGHT-OF-WAY PERMIT:** For pools being built within the City limits, a copy of your approved/issued Right-of-Way permit from the City of Carmel Department of Engineering is required.
10. **THE COLOR PATTERN, OR FINISH OF THE POOL INTERIOR** shall not obscure the existence or presence of objects or surfaces within the pool. The floor of all pools shall be white, light colored, or light colored patterns in order to facilitate the identification of any objects within the pool. (675 IAC 20-2-3; Effective 10/11/01)
11. **ORDINANCES & REGULATIONS:**
- k. In accordance with County Ordinance, the minimum setback requirement for a swimming pool to the septic system is fifty (50) feet, if there are suction water lines. However, if the swimming pool is a completely sealed system, the setback requirement is ten (10) feet from the swimming pool to any part of the septic system.
 - l. Pools, pool decks, and/or related pool equipment CANNOT be located within any type of easements, or closer than three (3) feet to any easement, and no closer than ten (10) feet to any property line or septic tank or leach field.

RESIDENTIAL POOLS: TWO (2) sets of the above plan information is required.

COMMERCIAL/INSTITUTIONAL POOLS: THREE (3) sets of the above plan information is required.

1. **Submit for and obtain the appropriate approvals by:** the City of Carmel Plan Commission, Board of Zoning Appeals, Technical Advisory Committee, the Dept. of Community Services, and/or approvals required by any other City, County, or State agency that may have requirements for this project.
2. **Submit for and obtain a Construction Design Release (CDR)** from the State of Indiana Department of Homeland Security, Division of Fire & Building Safety. If the project does not require a CDR, write a statement to that effect, using one of the following as a reason:
 - 1) On a specific date a specific reviewer said that a CDR is not required.
 - 2) Specific exemption/s state/s that a CDR is not required.

Exemptions are covered under the General Administrative Rule (GAR) 675 IAC 12-6-4.
 If the project does not require a CDR, under Carmel City Code, Chapter 7, it may still require a permit from the Department of Community Services, Division Building & Code Services (BCS). Please contact the State of Indiana Department of Homeland Security, Division of Fire & Building Safety, Plan Review with any questions: (317) 232-6422.